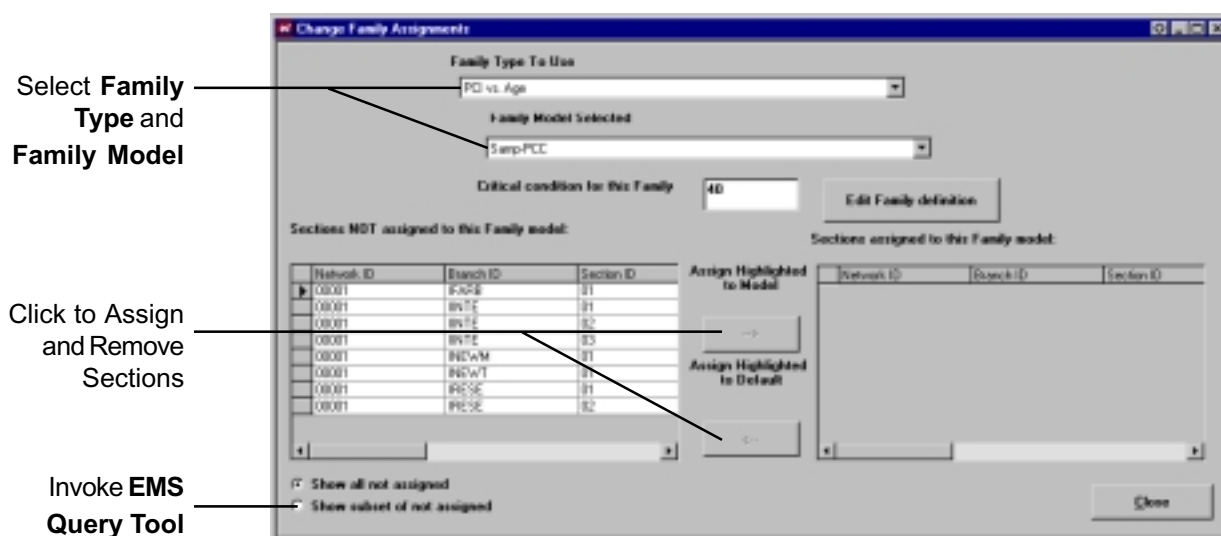# Family Assignment

Change Family Assignments

Family assignments can be made when a section is defined in the Inventory module, or when a family model is created in the Prediction Model portion of the program. However, if you want to change a family assignment or rapidly assign families to sections, the **Change Family Assignments** routine provides an efficient routine for reviewing or adjusting family assignments. Some definitions for clarification include the following:

• **Family**: A group of pavement sections with similar deterioration characteristics.

• **Family Model**: The plot of observed age and condition measurements for pavements with similar attributes.

• **Family Type**: A pairing of a condition type and an event (such as age), for the purpose of plotting data points.

• **Family Assignment**: The process of assigning a **Family Model** to a section for use by the condition prediction engine.

Select **Family Type** and **Family Model**

Click to Assign and Remove Sections

Invoke **EMS Query Tool**

Change Family Assignments is accessed through the **Prediction Model** selection on the **Visual Menu**. After selecting a particular **Family Type** and **Family Model** from the drop down lists, PAVER displays all sections in the active database grouped into two categories: sections assigned to the current model and sections not assigned to the current model. The **Family Type** listings available in this menu are internal to PAVER and cannot be changed. The **Family Model** options, however, come from the **Prediction Model** and are user created. PAVER comes with a set of sample models.

To assign or unassign a section, highlight a section (or group of sections) and use the arrow buttons to move the section(s) into the appropriate category. You can assign a "group" of sections at one time by using the **Select Groups** option. Clicking on this button invokes the **EMS Query Tool**. From this point, you can design a query (i.e. Surface Type = PCC) and use that to assign all sections in the query to the current **Family Model**.